

Hisense HVAC Floor & Ceiling Inverter Specifications Table

Specification		Units	Hisense	Hisense	Hisense	Hisense	Hisense
Indoor model		-	AUV-18UR4SSA2	AUV-24UR4SFA1	AUV-36UR4S1AB	AUV-48UR6SPC	AUV-60UR6SPC
		-	AUV-18UR4SA2	AUV-24UR4S1A	AUV-36UR4SB	AUV-48UR4SC	AUV-60UR4SC
Outdoor model		-	AUW-18U4SS	AUW-24U4SF1	AUW-36U4S1A	AUW-48U6SP	AUW-60U6SP
Power supply (Indoor)		V-ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50	220~240-1-50
Power supply (Outdoor)		V-ph-Hz	220~240-1-50	220~240-1-50	220~240-1-50	380-415-3-50	380-415-3-50
Max. input consumption		W	1990	2800	5500	5900	9380
Max. input current		A	8,69	12,7	24,0	12,5	17,7
Cooling	Capacity	W	5200(1830 ~ 5730)	7200(2700~7850)	9700(3200~10000)	12600(5500-13500)	17000(6200-18000)
	Input	W	1680	2390	3500	3920	5295
	Current	A	7,4	10,9	15,0	7,5	10,8
	EER	W/W	3,10	3,01	2,80	3,21	3,21
Heating	Capacity	W	6200(1770 ~ 6620)	8500(2700~8966)	11500(3200~12000)	15300(4000-18000)	20500(6400-21000)
	Input	W	1717	2350	3260	4200	5650
	Current	A	7,5	10,7	14,0	8,0	11,3
	COP	W/W	3,61	3,61	3,55	3,64	3,61
Indoor fan motor	Model		SIC-70CW-F1100-6	YSK110-100-4-A	SIC-70CW-F1140-3	Y7S423C032	Y7S423C032
	Qty		1	1	1	1	1
	output	W	100	175	140	142	142
	Capacitor	uF	NA	5	NA	8	8
	Speed(Hi/Med/Lo)	r/min	850/720/630	1280/1100/920	1220/1160/1080	1200/1100/1000	1200/1100/1000
Indoor coil	Number of rows		2	3	3	3	3
	Tube pitch(a)*row pitch(b)	mm	21x13.6	21x13.6	21x13.6	21x13.6	21x13.6
	Fin spacing	mm	1.4	1,5	1,5	1,5	1,5
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia.and type	mm	Φ7, innergroove tube	Φ7, innergroove tube	Φ7, innergroove tube	Φ7.0, innergroove tube	Φ7.0, innergroove tube
	Coil length * height * width	mm	691x336x27.2	660x336x40.8	930x336x40.8	1200x336x40.8	1200x336x40.8
			4	3	4	7	7
Indoor air flow Rated(Hi/Med/Lo)		m ³ /h	800/730/640	1100/950/800	1650/1600/1500	2000/1800/1500	2000/1800/1500
Indoor air flow Rated(CFM)			470/429/376	647/558/470	970/941/882	1175/1060/880	1175/1060/880
ESP	Rated	Pa	NA	NA	NA	NA	NA
	Range	Pa	NA	NA	NA	NA	NA
Indoor noise level (Hi/Med/Lo)		dB(A)	41/38/35	52/48/45	55/54/52	55/53/51	55/53/51
Throttle type			EEV	EEV	EEV	EEV	EEV
Indoor unit	Dimension (WxDxH)	mm	990x680x230	990x680x230	1285x680x230	1580x680x230	1580x680x230
	Packing(WxDxH)	mm	1100x820x350	1100x820x350	1400x820x350	1690x820x350	1690x820x350
	Net/Gross weight	kg	30/35	30/35	37/44	47/54	47/54
Design pressure (H/L)		MPa	4.15/1.6	4.15/1.6	4.15/1.6	4.15/1.6	4.15/1.6
Drainage water pipe diameter		mm	DΦ25	DΦ25	DΦ25	DΦ25	DΦ25
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.88(3/8"/5/8')	Φ9.52/Φ15.88(3/8"/5/8')	Φ9.52/Φ19.05(3/8"/3/4')	Φ9.52/Φ19.05(3/8"/3/4')
Controller			remote controller	remote controller	remote controller	remote controller	remote controller
Operation temperature		℃	16~30	16~30	16~30	16~30	16~30
Room temperature	Cooling	℃	16~30	16~30	16~30	16~30	16~30
	Heating	℃	16~30	16~30	16~30	16~30	16~30
Qty'per 20' /40' /40'HQ		Indoor	84/168/196	84/168/196	66/132/153	42/84/98	42/84/98
Compressor	Model		ATN150D42UFZ	ATF235D43UMT	ATL253UDPC9AUL	TNB306FPNMC	LNB42FSAMC
	Type		ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	HITACHI	MITSUBISHI	MITSUBISHI
	Capacity	Btu/h	15235	24361	24 435	33710	47699
	Input	W	1130	1940	2 240	3010	4270
	Rated current(RLA)	A	7,8	8,9	9,4	9,3	12
	Refrigerant oil	ml	ESTEL OIL VG74/450	POE(VG74)/670	HAF68D1C/630	PVE/870	FV50S or PVE/1400
Outdoor fan motor	Model		SIC-52FV-F130-3	SIC-61FW-F161-1	SIC-71FW-D8121-1	YDK65-6-9061 & YDK65-6-9024	YDK65-6-9061 & YDK65-6-9024
	Old Model		NA	NA	NA	NA	NA
	Qty		1	1	1	2	2
	Output	W	41	61	121	65/65	65/65
	Capacitor	uF	NA	NA	NA	4	4
	Speed	r/min	880	880	830	700/700	700/700
	Number of rows		2	2	2	2	2
		mm	21x18.19	21x18.19	21x18.19	21x18.19	21x18.19

Outdoor coil	Fin spacing	mm	1,5	1,4	1,4	1,5	1,5
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	Tube outside dia.and type	mm	Φ7,innergroove tube	φ7.94innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube
	Coil length * height * width	mm	840x546x36.38	900x43.3x630	970x798x36.38	970x1344x36.38	970x1344x36.38
	Number of circuits		4	4	5	6	6
Outdoor noise level (sound pressure)		dB(A)	50	56	60	60	62
Throttle type			EEV	EEV	EEV	EEV	EEV
Outdoor unit	Dimension(WxDxH)	mm	810×584×281	860×670×310	950×840×340	950x1386x340	950x1386x340
	Packing(WxDxH)	mm	940×420×640	990×450×730	1110×980×460	1110x1527x460	1110x1527x460
	Net/Gross weight	kg	36/40	51/57	70/74	101/107	108/112
Refrigerant type/Quantity	Type		R410A	R410A	R410A	R410A	R410A
	Charged volume	kg	1,24	1,70	2,10	3,00	3,50
Design pressure (H/L)		MPa	4.15/1.6	4.15/1.6	4.15/1.6	4.15/1.6	4.15/1.6
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4'/1/2')	Φ9.52/Φ15.88(3/8'/5/8')	Φ9.52/Φ15.88(3/8'/5/8')	Φ9.52/Φ19.05(3/8'/3/4')	Φ9.52/Φ19.05(3/8'/3/4')
	Max. pipe length	m	30	30	30	50	50
	Max. difference in level	m	15	15	15	30	30
Ambient temperature	Cooling	℃	-15 - 48	-15 - 48	-15 - 48	-15 - 48	-15 - 48
	Heating	℃	-10 - 24	-10 - 24	-10 - 24	-10 - 24	-10 - 24
Qty'per 20' /40' /40'HQ		Outdoor unit	102/204/272	90/186/186	52/106/106	26/53/53	26/53/53
Qty'per 20' /40' /40'HQ		Indoor+Outdoor	48/96/114	42/85/98	30/64/72	20/40/53	20/40/53